

**From:** [Schofield, Susan](#)  
**To:** [Mishkin, Katherine](#)  
**Cc:** [Zeno, Denise](#)  
**Subject:** Cabo Rojo update  
**Date:** Tuesday, May 14, 2013 4:51:56 PM  
**Attachments:** [DElegant\\_SoilGWScreening\\_draft.pdf](#)  
[CaboRojoDryCleaners\\_SoilGW\\_Draft.pdf](#)

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Buenas tardes Katy,

We have been conducting the PSA investigation at the Cabo Rojo site for about 5 weeks, as summarized below:

- Step 1 - Soil vapor with field GC at 6 PSAs, of which 3 were assumed in the work plan to drop out. We did not additional investigations at these facilities (Table 3-4 in the work plan – facilities with no additional investigation included RETO, Raul Lugo, Unfinished strip mall)
- Step 2 - Soil and groundwater screening with field GC and 5% confirmatory samples – We completed these samples at 6 facilities, per Tables 3-5 and 3-6 in the work plan. We experienced a lot of shallow refusal with the DPT at some of these facilities. We had some detections of TCE, PCE, and/or DCE with the field GC and also in some of the confirmatory lab samples for both soil and groundwater.
- Step 3 - Soil delineation samples – Per Table 3-7 in the work plan - Based on the detections in both soil gas and the laboratory confirmatory samples, we proposed up to 6 locations at the 6 PSAs for the soil delineation samples that are going to DESA for VOC analysis. We are currently collecting these samples and expect to be done by Friday.
- Step 4 – Based on the soil and groundwater screening results and observations from the field team, I proposed 14 shallow overburden monitoring wells, per the work plan. The wells are all related to the different PSAs, with the concept of trying to trace any contamination from PSAs to the Ana Maria well (the supply well that had contamination in it).

We have results for most of the PSA step 2 soil/gw screening results that I can attach (it will require numerous emails because of the size of figures). Frances is also updating a few of the well locations (for example, I forgot there is a well at PRIDCO East already, so MW-6S would not be needed). All of the current wells proposed are shallow in the overburden and are expected to have 10 foot screens near the top of the water table. Bedrock is quite shallow in some places, so we are not even 100% sure we will encounter water above the bedrock.

I will attach the soil/gw results from the GC for the PSAs, plus 2 tables – GC results and confirmatory sample results. It will take a few emails since the figures are large.

I am available any time tomorrow for a call.

**Susan E. Schofield, P.G.**

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CB-SB-08A (0-2 ft bgs)  
 non detect  
 CB-SB-08B (12-14 ft bgs)  
 non detect  
 CB-SB-08C (24-26 ft bgs)  
 non detect  
 CB-GW-06B (12-16 ft bgs)  
 PCE - 0.019  
 CB-GW-06A (47-51 ft bgs)  
 PCE - 0.093  
 TCE - 0.043  
 CB-SB-07A (0-2 ft bgs)  
 PCE - 0.16  
 CB-SB-06B (12-14 ft bgs)  
 PCE - 0.06  
 TCE - 0.37  
 CB-SB-06C (24-26 ft bgs)  
 non detect  
 CB-GW-06B (10.5 - 14.5 ft bgs)  
 PCE - 0.176  
 TCE - 0.046  
 CB-GW-06A (56-60 ft bgs)  
 PCE - 1.726  
 TCE - 0.206  
 CB-SB-06A (0-2 ft bgs)  
 PCE - 0.07  
 CB-SB-06B (8-10 ft bgs)  
 TCE - 0.07  
 CB-SB-06C (22-24 ft bgs)  
 non Detect  
 CB-GW-06A (20-24 ft bgs)  
 PCE - 0.035  
 TCE - 0.018

CB-SB-10A (0-2 ft bgs)  
 PCE - 0.02  
 TCE - 0.51  
 CB-SB-10B (7-9 ft bgs)  
 TCE - 0.43  
 CB-SB-10C (9.5-11.5 ft bgs)  
 non detect  
 CB-GW-10B (12-16 ft bgs)  
 non detect  
 CB-GW-10A (40-44 ft bgs)  
 PCE - 0.394  
 TCE - 0.141  
 CB-SB-09A (0-2 ft bgs)  
 PCE - 0.75  
 TCE - 0.07  
 CB-SB-29A (0-2 ft bgs)  
 PCE - 0.49  
 TCE - 0.08  
 CB-SB-09B (9-11 ft bgs)  
 non detect  
 CB-SB-09C (24-26 ft bgs)  
 CB-GW-09A (19-22 ft bgs)  
 PCE - 0.026  
 TCE - 0.629  
 CB-GW-29A (19-22 ft bgs)  
 PCE - 0.025  
 TCE - 0.564  
 CB-SB-02A (0-2 ft bgs)  
 PCE - 1.54  
 CB-SB-02B (4-6 ft bgs)  
 PCE - 0.26  
 TCE - 0.07  
 CB-SB-01A (0-2 ft bgs)  
 PCE - 1.32  
 CB-SB-01B (3-5 ft bgs)  
 PCE - 0.39  
 CB-SB-03A (0-2 ft bgs)  
 PCE - 2.04  
 TCE - 0.11  
 CB-SB-03B (5-7 ft bgs)  
 PCE - 0.96  
 CB-SB-04A (0-2 ft bgs)  
 PCE - 1.61  
 CB-SB-05A (0-2 ft bgs)  
 PCE - 18.91  
 TCE - 0.03  
 CB-SB-05B (6-8 ft bgs)  
 PCE - 3.74

All concentrations in ppm  
 SB - soil boring  
 GW - groundwater



*Cabo Rojo Professional Dry Cleaners*  
 Proposed Potential Source Area Investigation Locations  
 Cabo Rojo Groundwater Contamination Site  
 Cabo Rojo, Puerto Rico

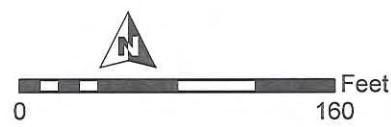


All concentrations in ppm

SB - soil boring

GW - groundwater

● Location could not be collected



*D'Elegant Dry Cleaners*  
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